

AMENDMENTS TO THE SPECIFICATION:

This listing of claims replaces all prior versions and listings of claims in the application:

Please replace the Title on page 1, line 1 as follows:

DISCRETE FOURIER TRANSFORM (DFT) DFT LEAKAGE REMOVAL
~~FOR NON-COHERENTLY SAMPLED SIGNALS~~

Please amend the paragraph beginning on page 11, line 13 as follows:

Fig. 2D shows a graphical example of this summation of window functions for two tones (in particular, a summation of the tone in Fig. 2B with the tone in Fig. 2C). As with (8) above, (15) does not reflect the amplitudes of the test tones. As we did above, we apply data from a DFT of the sampled test signal, acquired using substantially the same values of M and N ~~M, N, and F_s'~~ that we used in modeling (15). We then apply the value of the DFT in each bin M_k (each tone frequency) to (15), as follows: